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FROM: Michael W. Piper

DATE: August 4, 2004

**RE: U.S. Patent Application Serial No. 09/871,304
Filing Date: May 31, 2001
Atty Docket IDF 1595 (4000-04000)
Response to Final Office Action dated June 14, 2004 (19 pages)
Fee Transmittal (1 page)
Transmittal Cover Sheet (1 page)**

OFFICIAL

Total Number of Pages (Including Cover Page): 22

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/871,304
		Filing Date	May 31, 2001
		First Named Inventor	Balagurunathan Balasubramanian
		Group Art Unit	2113
		Examiner Name	Puente, Emerson C.
Total Number of Pages in This Submission	22	Attorney Docket Number	IDF 1595 (4000-04000)

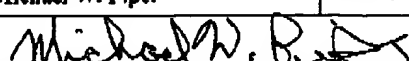
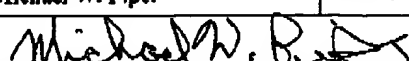
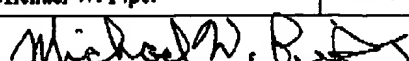
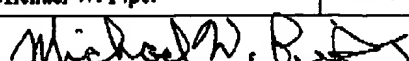
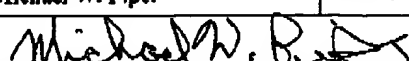
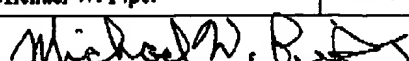
ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> • Fax Cover Transmittal
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual Name	Michael W. Piper, Reg. No. 39,800
Signature	<i>Michael W. Piper</i>
Date	6/4/2004

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being facsimile transmitted to 703.872.9306, Mail Stop Amendment, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or Printed Name	Karen A. Harris
Signature	<i>Karen A. Harris</i>
Date	August 4, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL For FY 2004 <i>Effective 10/01/03. Patent fees are subject to annual revision.</i>				Complete if Known																																																																																																																																																																																																		
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unavoidable</td><td>\$</td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td>\$</td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td>\$</td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td>\$</td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td>\$</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td>\$</td></tr> <tr><td>1807</td><td>50</td><td>1806</td><td>50</td><td>Processing fee under 37 CFR 1.17(g)</td><td>\$</td></tr> <tr><td>1808</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td>\$</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>\$</td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>\$</td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td>\$</td></tr> <tr><td colspan="5">Other fee (specify) Terminal Disclaimer</td><td>\$</td></tr> <tr> <td colspan="5" style="text-align: right;">*Reduced by Basic Filing Fee Paid</td> <td colspan="2" style="text-align: right;">SUBTOTAL (3) \$</td> </tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Code	Fee (\$)	Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath	\$	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$	1053	130	1053	130	Non-English specification	\$	1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	\$	18042	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$	1251	110	2251	55	Extension for reply within first month	\$	1252	420	2252	210	Extension for reply within second month	\$	1253	950	2253	475	Extension for reply within third month	\$	1254	1,480	2254	740	Extension for reply within fourth month	\$	1255	2,010	2255	1,005	Extension for reply within fifth month	\$	1401	330	2401	165	Notice of Appeal	\$	1402	330	2402	165	Filing a brief in support of an appeal	\$	1403	290	2403	145	Request for oral hearing	\$	1451	1,510	1452	1,510	Petition to institute a public use proceeding	\$	1452	110	2452	55	Petition to revive - unavoidable	\$	1453	1,330	2453	665	Petition to revive - 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1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																																		
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SUBMITTED BY <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <td style="width: 30%;">Name (Print/Type)</td> <td style="width: 30%;">Michael W. Piper</td> <td style="width: 20%;">Registration No. (Attorney/Agent)</td> <td style="width: 20%;">39,800</td> <td style="width: 20%;">Telephone</td> <td style="width: 20%;">(972) 731-2288</td> </tr> <tr> <td>Signature</td> <td colspan="3" style="text-align: center;"></td> <td>Date</td> <td>8/4/2004</td> </tr> </table>				Name (Print/Type)	Michael W. Piper	Registration No. (Attorney/Agent)	39,800	Telephone	(972) 731-2288	Signature				Date	8/4/2004	Complete (if applicable) <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <td style="width: 30%;">Name (Print/Type)</td> <td style="width: 30%;">Michael W. Piper</td> <td style="width: 20%;">Registration No. (Attorney/Agent)</td> <td style="width: 20%;">39,800</td> <td style="width: 20%;">Telephone</td> <td style="width: 20%;">(972) 731-2288</td> </tr> <tr> <td>Signature</td> <td colspan="3" style="text-align: center;"></td> <td>Date</td> <td>8/4/2004</td> </tr> </table>				Name (Print/Type)	Michael W. Piper	Registration No. (Attorney/Agent)	39,800	Telephone	(972) 731-2288	Signature				Date	8/4/2004																																																																																																																																																																							
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